

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

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MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2019/2020

DAC5014 – COMPUTER APPLICATIONS
(All Sections/Groups)

11 MARCH 2020
9.00 a.m – 11.00 a.m
(2 Hours)

INSTRUCTIONS TO STUDENT

1. This question paper consists of 6 pages with 2 sections.
2. Attempt **ALL** questions in Section A and Section B. The distribution of the marks for each question is given.
3. Please shade all your answers for Section A on the OMR form provided and write all answers for Section B in the Answer Booklet provided.

SECTION A: Multiple Choice Questions (25 Marks)

1. Computers represent each letter, number or symbol in a unique combination of _____ bits.
 - A. 2
 - B. 4
 - C. 8
 - D. 16
2. HDMI is a _____.
 - A. connector and cable capable of transmitting high-quality and high-bandwidth streams of audio and video between devices
 - B. portable storage device
 - C. port used to connect the keyboard and mouse to the computer
 - D. special type of hardware used to store large amount of data
3. The _____ describes the proportional relationship between an image's width and height which is expressed as two numbers separated by a colon, as in 16:9.
 - A. pixel
 - B. monitor size
 - C. aspect ratio
 - D. screen resolution
4. Game controllers are example of _____ devices.
 - A. storage
 - B. process
 - C. output
 - D. input
5. A(n) _____ allows a user to interact with content and different types of media on the web.
 - A. operating system
 - B. browser
 - C. utility program
 - D. host
6. WhatsApp is _____.
 - A. a popular social media site for professional networking
 - B. the largest and most popular video-based social media website
 - C. a social media platform where users post information about travel, fashion, food, art and similar subjects
 - D. a cross-platform instant messaging client for smartphones, PCs and tablets
7. Personal video journal entries posted on the web are referred to as _____.
 - A. vlogs
 - B. webcasts
 - C. podcasts
 - D. wiki

8. When you sell your old smartphone on Mudah.my, you are using which type of e-commerce?
- A. C2B
 - B. B2B
 - C. C2C
 - D. B2C
9. The most suitable software to write a resume for a job application is _____ software.
- A. spreadsheet
 - B. word processing
 - C. presentation
 - D. database
10. Observe the following snapshot of a database table. *Stud_ID*, *Stud_Name* and *Stud_CGPA* are referred to as _____.

Sud_ID	Stud_NAME	Stud_CGPA
1001101	Ali Hassan	3.25
1002331	Malcom Tan Seng Hock	2.75
1002936	Roshan A/L Kumaran	3.15

- A. row
 - B. record
 - C. table
 - D. field
11. A Personal Information Manager (PIM) software may have the following features **EXCEPT**:
- A. programming environment
 - B. alerts and reminders
 - C. calendars
 - D. emails
12. _____ software helps to better address industry specific processes and functionalities.
- A. Project management
 - B. Vertical market
 - C. App creation
 - D. Spreadsheet
13. All of the following are examples of mobile Operating Systems (OS) **EXCEPT**:
- A. Android
 - B. iOS
 - C. Windows
 - D. Google Chrome

Continued...

14. The _____ is the top-level directory of a file system.
- A. root directory
 - B. file
 - C. folder
 - D. library
15. When specifying the path or location of a file, Windows uses the _____ symbol.
- A. asterisk (*)
 - B. backslash (\)
 - C. ampersand (&)
 - D. colon (:))
16. The Windows Task Manager _____.
- A. removes unnecessary files from your hard drive
 - B. rearranges fragmented data so that related file pieces are unified
 - C. is used to check on programs or exit from nonresponsive programs
 - D. is used to create folders and sub folders in a directory
17. Ali is a senior manager in a company. He travels quite often and is required to work long hours on the computer to create financial statements, presentations and manage his projects. Which of the following is the best device for Ali?
- A. Ultrabook
 - B. Smartphone
 - C. Desktop
 - D. Tablet
18. All of the following are permanent storage options **EXCEPT**:
- A. Solid State Drive
 - B. Flash Drive
 - C. Hard disk
 - D. RAM
19. A CPU clock speed is measured in _____.
- A. seconds
 - B. hertz
 - C. bits
 - D. bytes
20. Multimedia University (MMU) logo would be considered a _____.
- A. patent
 - B. trade dress
 - C. trademark
 - D. copyright
21. Which of the following is an uncompressed version of the image file?
- A. GIF
 - B. JPEG
 - C. PNG
 - D. RAW

22. Digital music can be stored in all of the following mediums **EXCEPT**:
- A. Cassette tape
 - B. Compact Disc (CD)
 - C. Cloud Storage
 - D. USB Flash Drives
23. Which of the following is **NOT** a computer virus category?
- A. Macro
 - B. Boot sector
 - C. Spooler
 - D. Worms
24. Quarantine is a function of an antivirus software that _____.
- A. updates the antivirus software to the latest version
 - B. automatically isolates infected files on a computer's hard disk
 - C. cleans the infected file
 - D. deletes the infected file
25. When a criminal activity is committed via the use of computers, it is known generally as _____.
- A. scareware
 - B. backdoor activities
 - C. cookies
 - D. cybercrime

(Total: 25 marks)

SECTION B: Structured Questions (75 Marks)**QUESTION 1**

- (a) Explain the following terms. List **THREE (3)** advantages of using each of these devices. (8 marks)
- (i) Cloud Storage
 - (ii) Solid State Drive
- (b) What is Ergonomics? Explain **FOUR (4)** guidelines that can help a person feel comfortable and be productive while working on their computers. (6 marks)
- (c) What is e-commerce? Write **FOUR (4)** advantages of using e-commerce from a business owner's perspective. (6 marks)
- (d) Mary is new to online shopping. Share with her **FIVE (5)** important guidelines to make her online shopping safer. (5 marks)

(Total: 25 marks)

QUESTION 2

- (a) State **THREE (3)** ways a student can obtain a software legally. (3 marks)
- (b) Suggest **FIVE (5)** tips or guidelines that can help students design a good presentation. (10 marks)
- (c) What is a User Interface? List and explain **THREE (3)** types of interfaces used in a computer. (7 marks)
- (d) MS Windows Accessibility Utilities provide options for people who have learning, vision, hearing and mobility impairments. List **FIVE (5)** examples of this utility. (5 marks)

(Total: 25 marks)

QUESTION 3

- (a) What is a machine cycle? Explain the **FOUR (4)** steps involved in it. (5 marks)
- (b) List and explain **FIVE (5)** categories of Intellectual Property (IP). (10 marks)
- (c) Share **FOUR (4)** tips to help keep the information in your smart device secure from illegal access. (4 marks)
- (d) List and explain the **THREE (3)** categories of hackers. (6 marks)

(Total: 25 marks)